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(54) Title: METHODS AND APPARATUS FOR ENHANCEMENT OF TRANSDERMAL TRANSPORT

(57) Abstract

According to the present invention, a method for enhancing transdermal transport is disclosed. The method includes the steps of increasing a permeability of an area of a membrane with a permeabilizing device. The membrane may be, *inter alia*, biologic skin or synthetic skin. The permeabilizing device may be an ultrasound-producing device. A substance is transported into and through the area of the membrane. The substance may be a drug, a vaccine, or a component of interstitial fluid.

